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Application Number	<b>10/581,942-Conf. #7990</b>
Filing Date	April 23, 2007
First Named Inventor	Pradman K. Qasba
Art Unit	N/A
Examiner Name	Not Yet Assigned

Attorney Docket Number 65426(47992)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Number-Kind Code <sup>2</sup> (if known)				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/IC/	BA	WO-2004/063344	07-29-2004	National Institutes of Health		

Examiner Signature

/Iqbal Chowdhury/ (08/28/2009)

Date Considered

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/IC/	CA	Boeggeman et al., "Mutation Met344His in bovine beta-1, 4-galactosyltransferase-1 broadens its primary metal ion specificity," <i>Glycobiology</i> , Vol. 13, No. 11, pg. 869 (2003)	
↓	CB	Ramakrishnan et al., "Alpha-Lactalbumin (LA) stimulates milk beta-1, 4-galactosyltransferase I (beta4Gal-T1) to transfer glucose from UDP-glucose to N-acetylglucosamine", <i>Journal of Biological Chemistry</i> , Vol. 276, No. 40, pgs. 37665-37671 (2001)	
↓	CC	Ramakrishnan and Qasba, "Structure-based design of beta-1, 4-galactosyltransferase I (beta4Gal-T1) with equally efficient N-acetylgalactosaminyltransferase activity", <i>Journal of Biological Chemistry</i> , Vol. 277, No. 23, pgs. 20833-20839 (2002)	
/IC/	CD	Ramakrishnan et al., "Effect of the Met344His mutation on the conformational dynamics of bovine beta-1, 4-galactosyltransferase: crystal structure of the Met344His mutant in complex with chitobiose", <i>Biochemistry</i> , Vol. 43, No. 39, pgs. 12513-12522 (2004)	

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